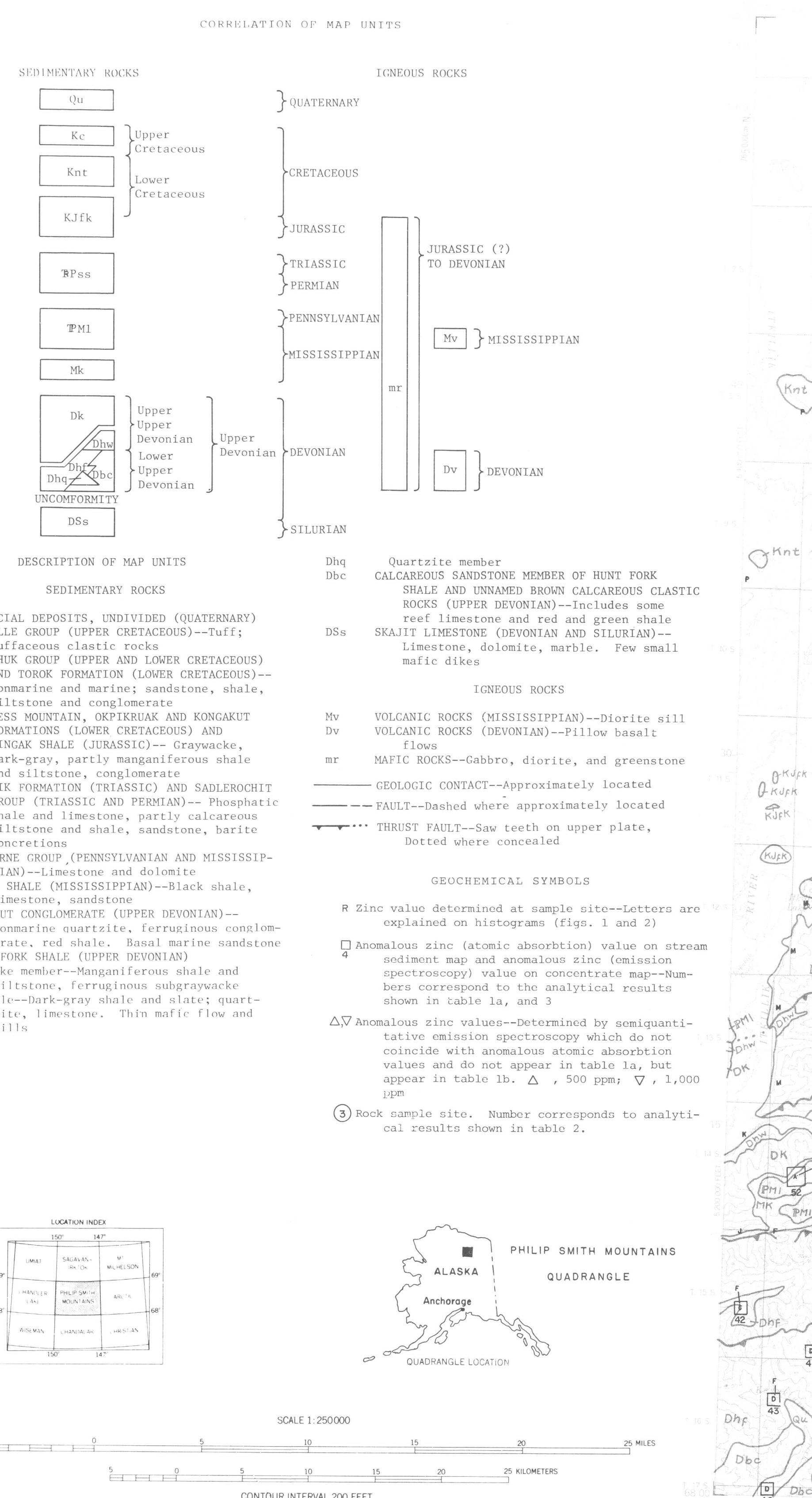




Base from U.S. Geological Survey, 1971

Geology generalized in 1977 by W. P. Brosgé, N. N. Reiser, J. T. Dutro, and R. L. Dettman



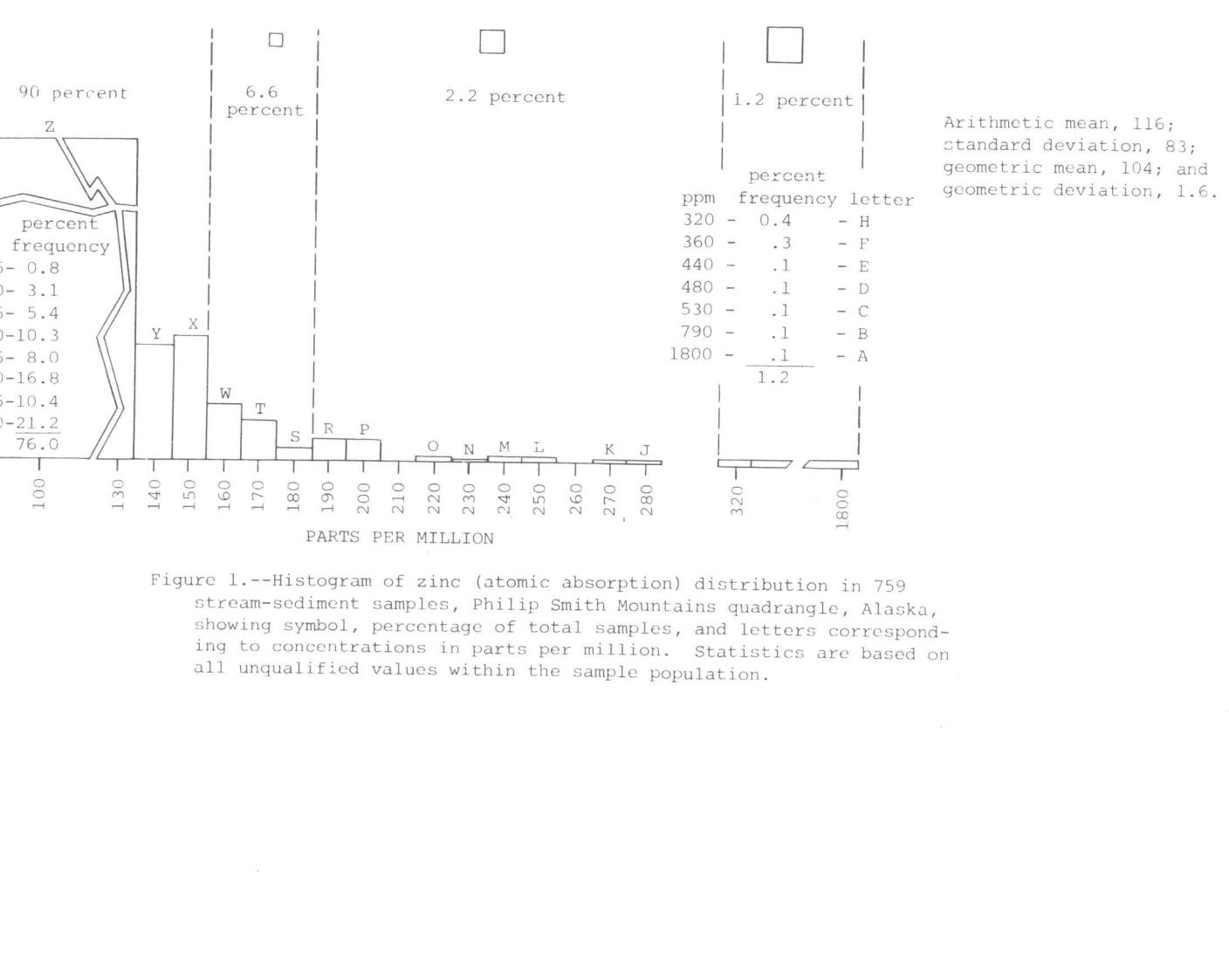
Base from U.S. Geological Survey, 1971

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Base from U.S. Geological Survey, 1971

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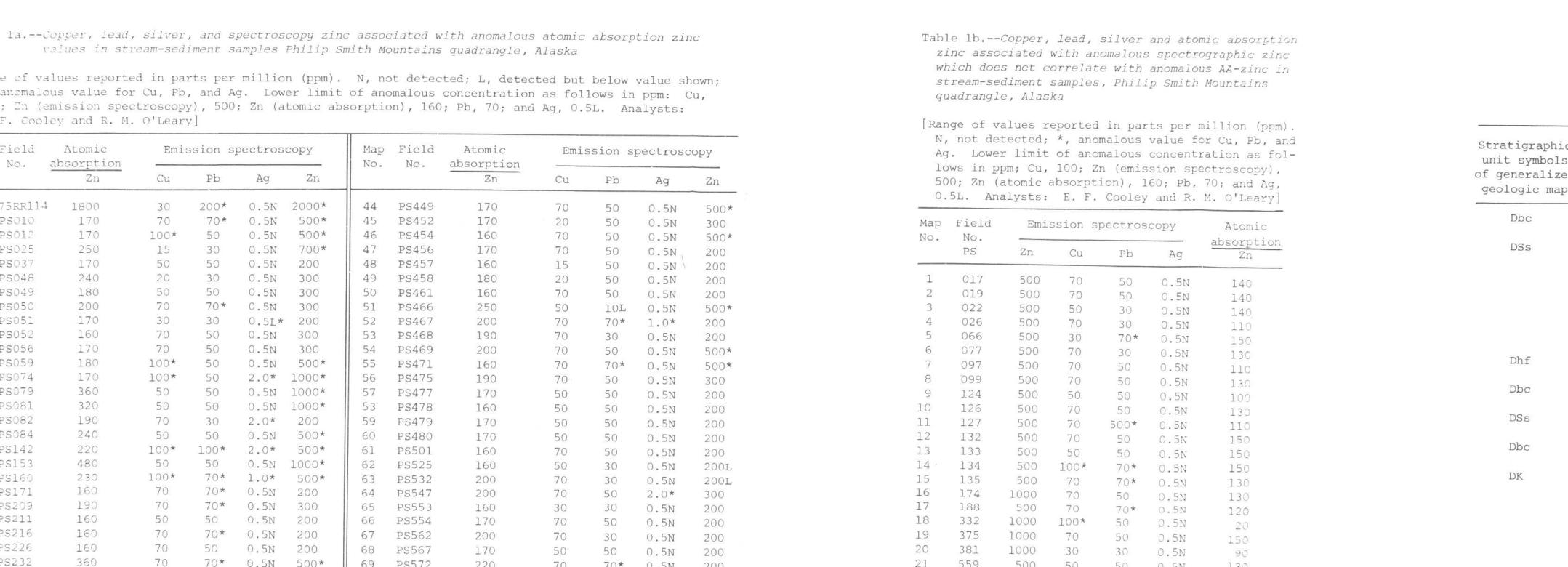


ZINC IN THE MINUS 80 MESH STREAM SEDIMENT FRACTION AND ROCK

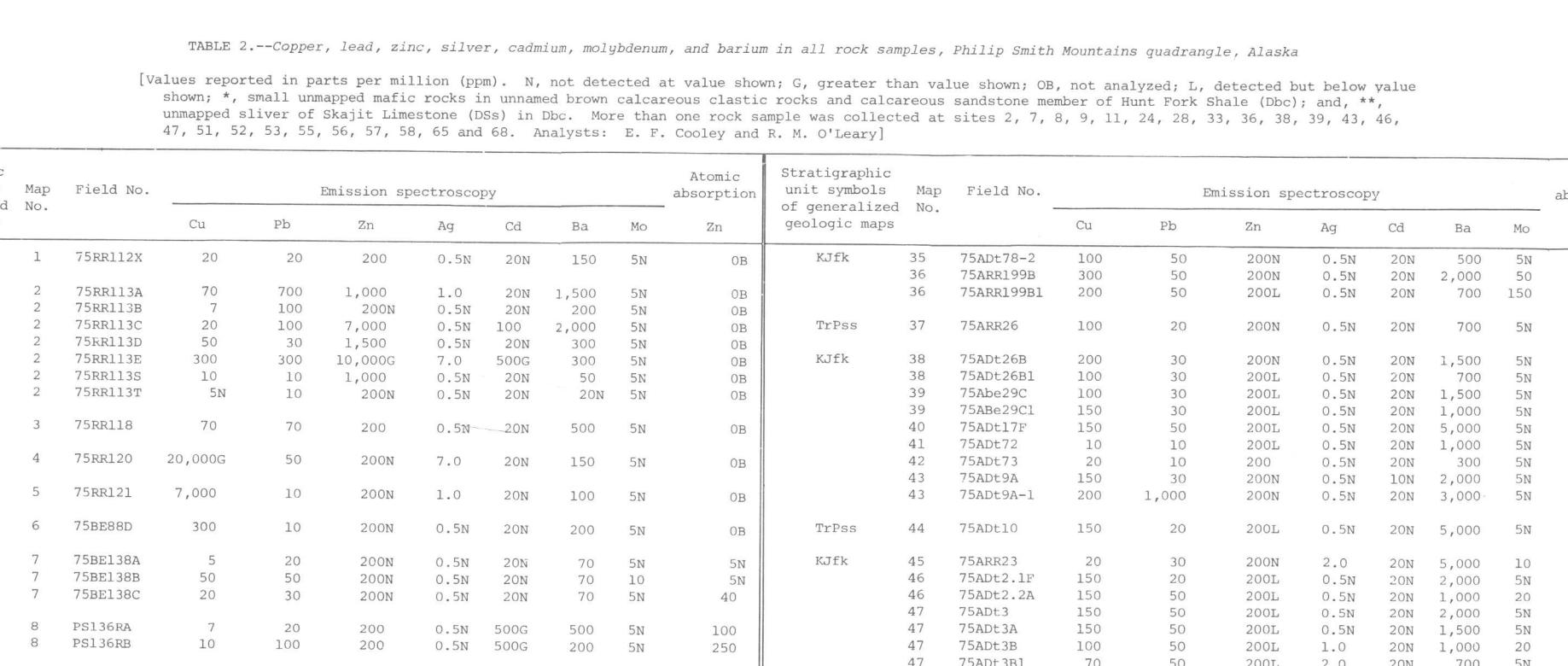
Table 1a--Copper, lead, silver, and atomic absorption zinc
and emission spectroscopy zinc associated with anomalous atomic absorption zinc
values reported in parts per million (ppm). N, not detected; L, detected but below value shown;
*, anomalous value based on atomic absorption analysis; **, anomalous value based on emission spectroscopy analysis.
†, anomalous value based on atomic absorption analysis; ‡, anomalous value based on emission spectroscopy analysis.
§, anomalous value based on atomic absorption analysis; ||, anomalous value based on emission spectroscopy analysis.
||*, anomalous value based on atomic absorption analysis; ||‡, anomalous value based on emission spectroscopy analysis.
||*,||‡, anomalous value based on atomic absorption analysis; ||‡*,||‡‡, anomalous value based on emission spectroscopy analysis.
||‡*,||‡‡, anomalous value based on atomic absorption analysis; ||‡‡*,||‡‡‡, anomalous value based on emission spectroscopy analysis.
||‡‡*,||‡‡‡, anomalous value based on atomic absorption analysis; ||‡‡‡*,||‡‡‡‡, anomalous value based on emission spectroscopy analysis.
||‡‡‡*,||‡‡‡‡, anomalous value based on atomic absorption analysis; ||‡‡‡‡*,||‡‡‡‡‡, anomalous value based on emission spectroscopy analysis.

Table 1b--Zinc in the minus 80 mesh stream sediment fraction and rock samples, Philip Smith Mountains quadrangle, Alaska
Values reported in parts per million (ppm). N, not detected; L, detected but below value shown;
*, anomalous value based on atomic absorption analysis; **, anomalous value based on emission spectroscopy analysis.
†, anomalous value based on atomic absorption analysis; ‡, anomalous value based on emission spectroscopy analysis.
§, anomalous value based on atomic absorption analysis; ||, anomalous value based on emission spectroscopy analysis.
||*, anomalous value based on atomic absorption analysis; ||‡, anomalous value based on emission spectroscopy analysis.
||*,||‡, anomalous value based on atomic absorption analysis; ||‡*,||‡‡, anomalous value based on emission spectroscopy analysis.
||‡*,||‡‡, anomalous value based on atomic absorption analysis; ||‡‡*,||‡‡‡, anomalous value based on emission spectroscopy analysis.
||‡‡*,||‡‡‡, anomalous value based on atomic absorption analysis; ||‡‡‡*,||‡‡‡‡, anomalous value based on emission spectroscopy analysis.
||‡‡‡*,||‡‡‡‡, anomalous value based on atomic absorption analysis; ||‡‡‡‡*,||‡‡‡‡‡, anomalous value based on emission spectroscopy analysis.

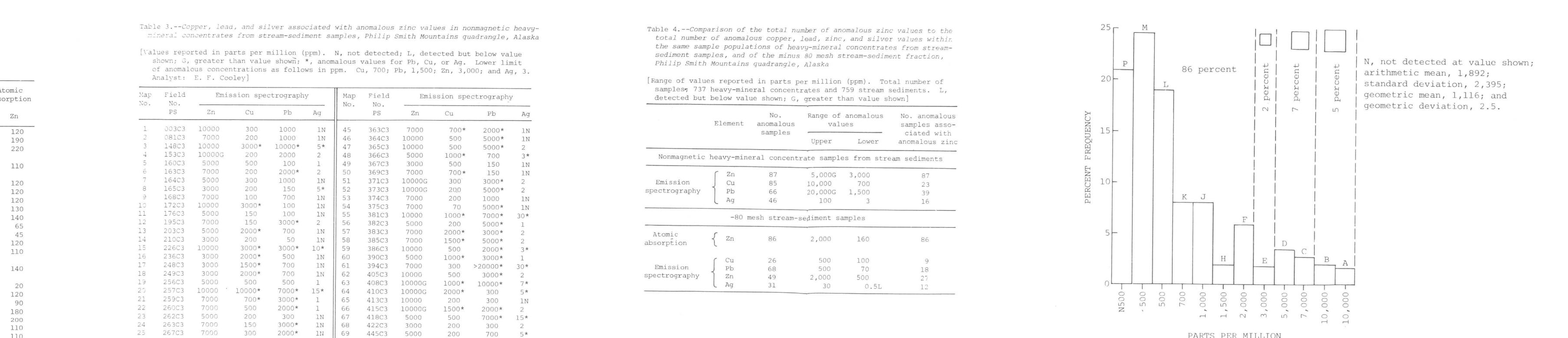
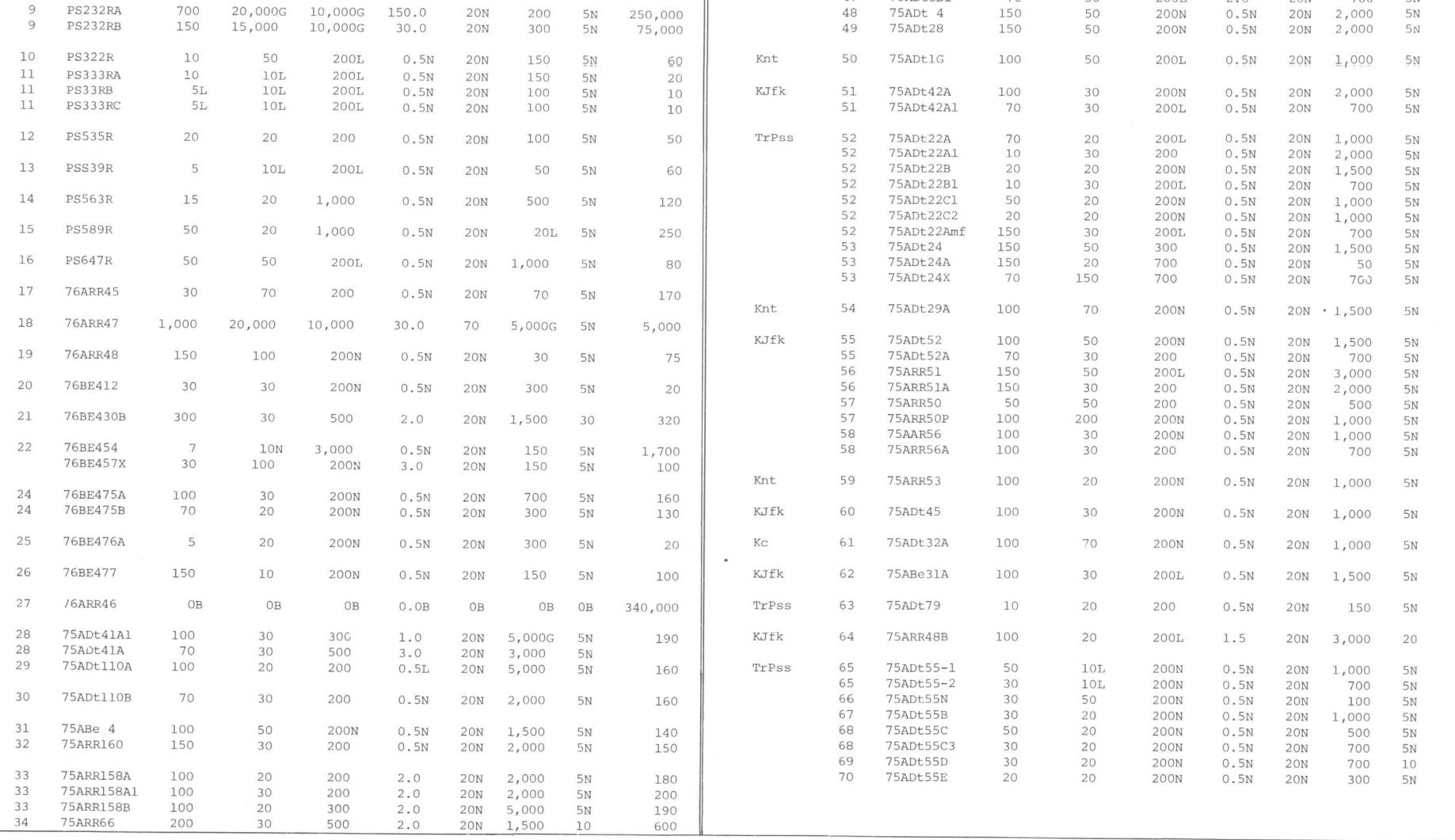
Table 1c--Histogram of zinc (atomic absorption) distribution in 759 stream sediment samples from the Philip Smith Mountains quadrangle, Alaska, showing symbol, percentage of sample, and concentration in parts per million. Statistics are based on all unqualified values within the sample population.



ZINC IN THE NONMAGNETIC HEAVY-MINERAL CONCENTRATE FROM STREAM SEDIMENT



ZINC IN THE NONMAGNETIC HEAVY-MINERAL CONCENTRATE FROM STREAM SEDIMENT



ZINC IN THE NONMAGNETIC HEAVY-MINERAL CONCENTRATE FROM STREAM SEDIMENT